MENA Information Security Conference 2017

On the Verge :

Combating Cyber Threats leveraging Threat Intelligence, Faster Detection & Automated Response

Value of Cybersecurity

Things You Might Not Know

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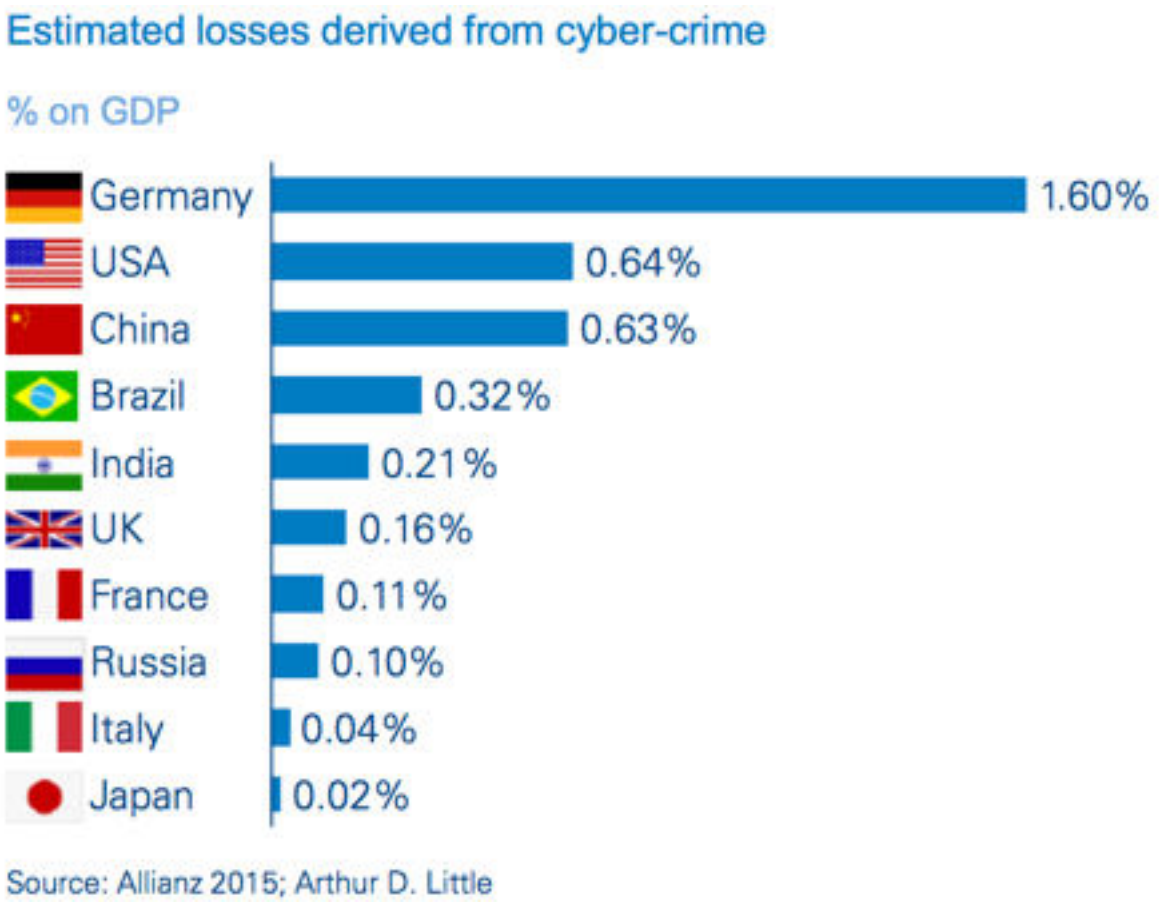
We hear about threats, data breaches and phishing scams on a daily basis, but what does it all mean to your organization?

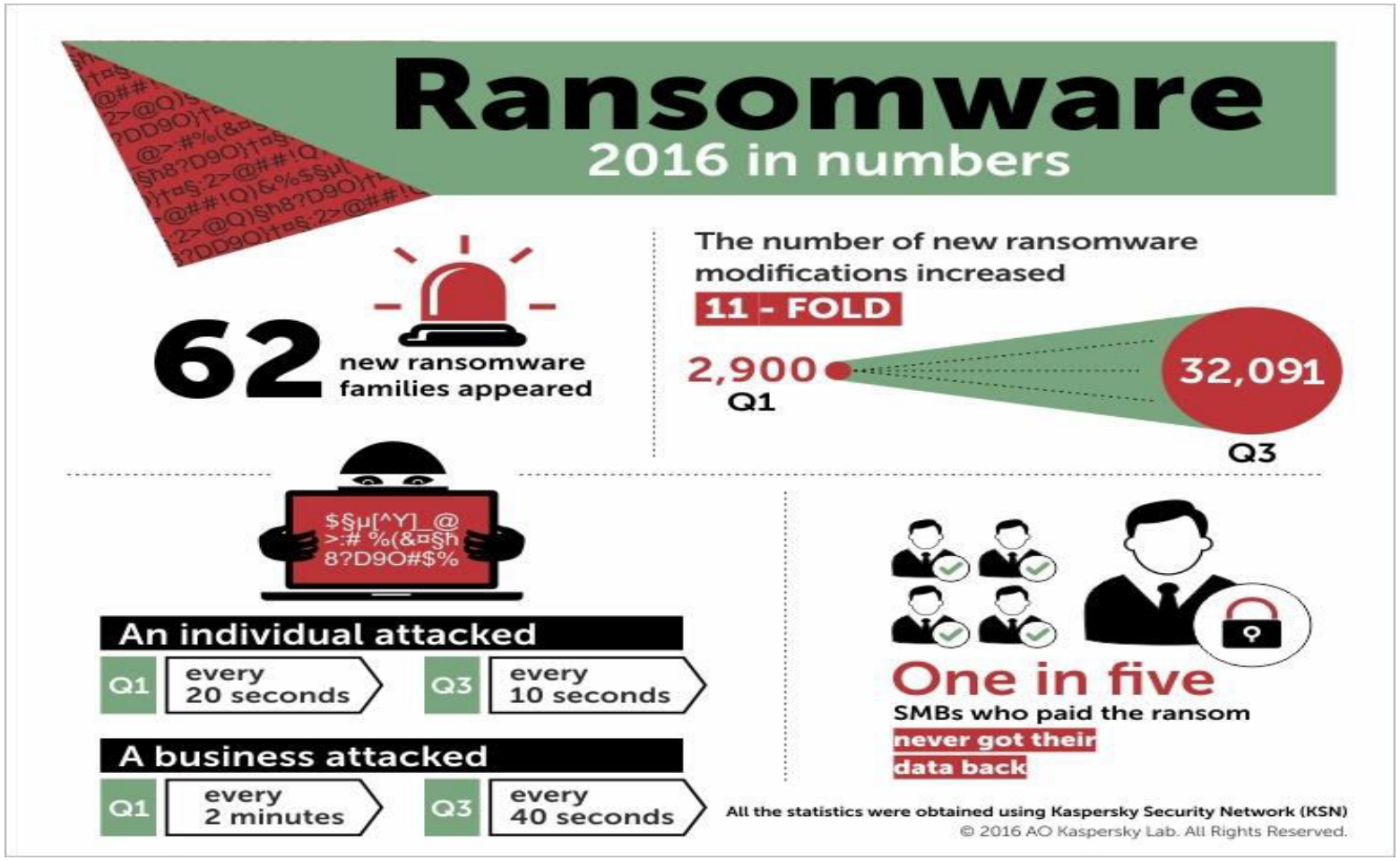
By 2021, Cybercrimes Will Cost $6 Trillion per Year Worldwide

- The cost of cybercrimes will double in the next 4 years.

Cost of Cybercrimes

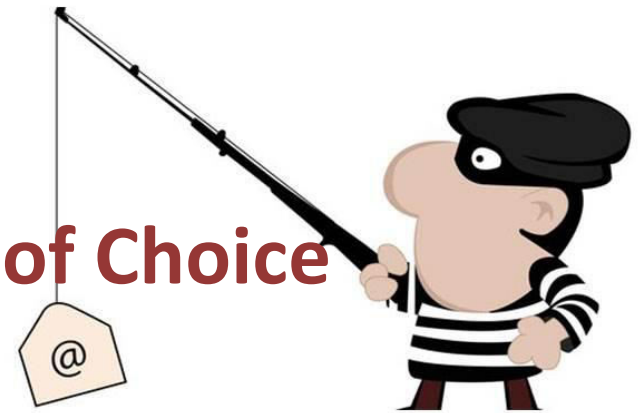


Businesses Experience Ransomware Attacks Every 40 Seconds



1 in 131 Emails is Malicious

- Email poses a dangerous and effective threat to users: 1 in 131 emails contains malware, **the highest rate in 5 years**.
- Business Email Compromise, relying on spear-phishing, targeted over 400 businesses every day, draining $3 billion over the last 3 years.

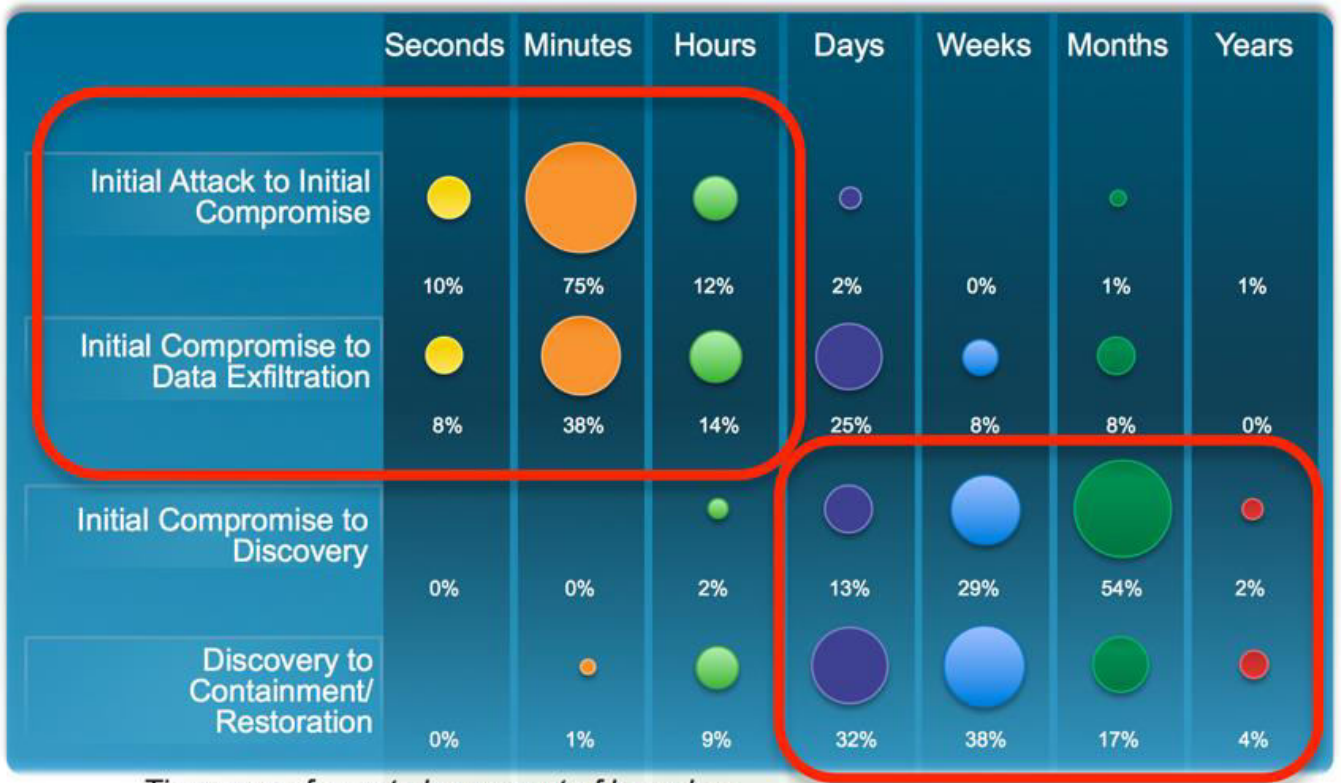


Email Becomes the Weapon of Choice

Attackers Reside within a Network for an Average of 146 Days Before Being Detected

In 60% of breaches, data is stolen in hours

54% of breaches are not discovered for months



Timespan of events by percent of breaches

Unfilled Cybersecurity Jobs Will Reach 3.5 Million by 2021

- Cybersecurity is everyone's responsibility, from the help desk to the CIO and even non-IT employees.
- The number of jobs in cybersecurity will increase exponentially in the next 5 years.
- By 2021 every large company will have a Chief Information Security Officer (CISO) in seat, compared to the 65% that have one now and the 50% that did in 2016.

An IoT Device Can be Attacked Within 2 Minutes

- By the end of 2017, the world will have **8.4** billion connected devices, up **31%** from 2016.
- Cisco estimates that the number of IoT devices will be **three times** as high as the global population by **2021**
- Why is IoT a concern? Some IoT devices are put on the market so quickly that they have vulnerabilities. Consumers may not set them up securely, so when deployed in the network, it exposes their employer to cyber-threats.

Conclusion

- Digital transformation will continue to increase cyber threats, seeking innovation and transformation of security management.
- Risks of huge economical loss is leading private organizations to increase their efforts in information protection to achieve business goals.
- No matter how robust the technologies and processes are, a single instance of human carelessness may cause its fall.
- Cyber-security strategy should be part of the organization strategy.

THANK YOU